

Rabbit HDAC4 Polyclonal Antibody | anti-HDAC4 antibody

HDAC4 Polyclonal Antibody

CATALOG # AAA174143	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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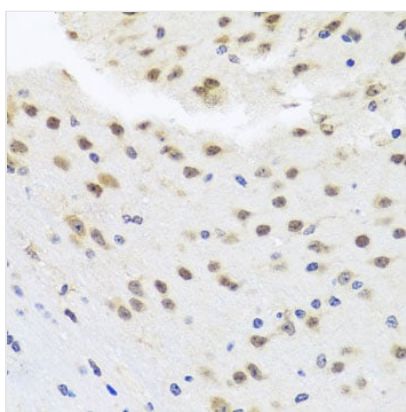
PRODUCT SYNONYMS

HDAC4; Polyclonal Antibody; HDAC4 Polyclonal Antibody; AHO3; BDMR; EC 3.5.1.98; HA6116; HD 4; HD4; HDAC 4; HDAC A; HDACA; Histone deacetylase 4; Histone Deacetylase A; KIAA0288; anti-HDAC4 antibody

PRODUCT SPECIFICATIONS

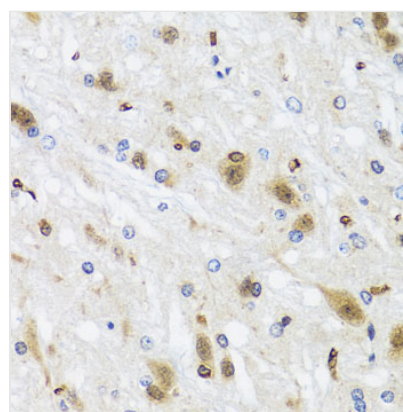
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	972
Applicable Applications for anti-HDAC4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HDAC4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



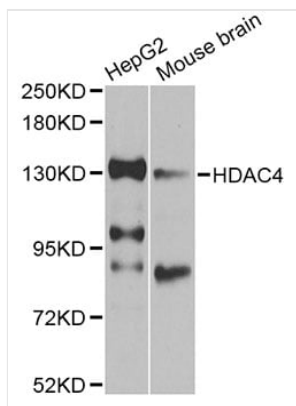
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse brain using HDAC4 antibody.



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat brain using HDAC4 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HDAC4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC4 antibody

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

Product Categories/Family for anti-HDAC4 antibody

Cancer; Cardiovascular; Epigenetics and Nuclear Signaling; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	153085395
NCBI GeneID	9759
NCBI Accession #	NP_006028.2
NCBI GenBank Nucleotide #	NM_006037.3
UniProt Accession #	P56524; Q86YH7; Q9UND6; E9PGB9; F5GX36
Molecular Weight	Calculated: 106kDa; 119kDa Observed: 130kDa
NCBI Official Full Name	histone deacetylase 4
NCBI Official Synonym Full Names	histone deacetylase 4
NCBI Official Symbol	HDAC4
NCBI Official Synonym Symbols	HD4; AHO3; BDMR; HDACA; HA6116; HDAC-4; HDAC-A
NCBI Protein Information	histone deacetylase 4
UniProt Protein Name	Histone deacetylase 4
UniProt Gene Name	HDAC4
UniProt Synonym Gene Names	KIAA0288; HD4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hdac4-antibody-immunohistochemistry-western-blot-elisa/174143>